



PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION IIIO IPIR NUMBER I

MISSION IIIO-I OAK PART I 21-31 MAY 1970

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TOP SECRET

TCS-20216/70
JUNE 1970
COPY NO 206
17 PAGES
OAK-101/70

GROUP 1: EXCLUDED FROM
Approved For Release 2000/04/17 : CIA-RDP78T04562A000600010005-7

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WARNING

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TARGET CATEGORIES AND ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

1. STRATEGIC SSM

Deployed Strategic SSM Facilities (A)

2. MISSILE RANGES

Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)

Missile Ranges: Tactical SSM Facilities (S) Missile Ranges: SAM/AMM Facilities (T)

3. AIR DEFENSE MISSILES

Deployed AMM Facilities (B)

Deployed SAM Facilities (D)

4. ELECTRONICS/COMMUNICATIONS

Deployed Communication/Electronic/Radar Facilities (C)

5. AIR

Air Base Facilities (E)

6. NAVAL

Naval Base Facilities (F)

7. GROUND

Ground Force Facilities (G)

8. TACTICAL SSM

Deployed Tactical SSM Facilities (H)

9. LOGISTICS

Military Logistics Facilities (K)

10. NUCLEAR ENERGY

Atomic Energy Facilities (0)

11. CBR

CBR Facilities (V)

12. INDUSTRY

Strategic Weapons Industrial Facilities (J)

General Purpose Weapons Industrial Facilities (L)

Non -Military Industrial Facilities (N)

Communication/Electronic/Radar R&D Facilities (U)

13. MISCELLANEOUS

Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z)

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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TCS-20216/70 IPIR 1 KH-4 MISSION 1110-1 PREFACE

PREFACE

THIS IS THE FIRST OF SEVERAL OAK REPORTS ON MISSION 1110-1 AND PROVIDES INFORMATION ON THE 1A AND 1B PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY.

TARGETS IN THIS REPORT ARE SEQUENCED ALPHABETICALLY WITHIN THE 13 TARGET CATEGORIES ESTABLISHED BY COMIREX. A LISTING OF THE TARGET CATEGORIES APPEARS ON THE INSIDE FRONT COVER OF THIS REPORT. TARGETS ARE FURTHER SEQUENCED BY COUNTRY AND DIVIDED INTO TWO SECTIONS -- SIGNIFICANT RESULTS AND OTHER RESULTS.

THE SIGNIFICANT RESULTS SECTIONS INCLUDE NEW TARGETS, PERISHABLE ITEMS, AND TARGETS WHICH REFLECT CHANGE AND/OR ORDER OF BATTLE. ALL REMAINING TARGETS ARE INCLUDED IN THE OTHER RESULTS SECTION.

A CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF EACH OAK REPORTING PHASE, ANOTHER CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF THE OAK SUPPLEMENT PHASE. TARGETS WHICH CAN BE IDENTIFIED ONLY WILL BE PUBLISHED SEPARATELY UPON COMPLETION OF MISSION READOUT.

FOR EXPLANATION OF PREFIXES AND CODES USED IN THIS REPORT, SEE THE NATIONAL STANDARD MESSAGE FORMAT FOR ELECTRICAL TRANSMISSION OF FIRST- AND SECOND-PHASE EXPLOITATION (COMIREX-D-31.2/11, 1ST REVISION, JANUARY 1969 AND TCS-8264/68, JUNE 1968, THE SUPPLEMENT TO COMIREX-D-31.2/11).

THE ORDER OF BATTLE REPORTED IS CONFIRMED UNLESS OTHERWISE QUALIFIED AS PROBABLE (PROB) OR POSSIBLE (POSS). ORDER OF BATTLE COUNTS WHICH REPRESENT ABSOLUTE TOTALS OR WHERE NO ORDER OF BATTLE IS PRESENT, ARE SUPPORTED BY A STATEMENT IN THE REMARK (RMK) SECTION OF THE TARGET INVOLVED.

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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HIGHLIGHTS

MISSION HIGHLIGHTS

USSR

NAVAL ACTIVITY

25X1D 25X1D 25X1D 1. THE KASP A (CASPIAN SEA MONSTER) WAS AT ITS USUAL PLACE ON RESTING ON BARGES AT MAKHACHKALA AMMUNITION 25X1A PLANT DVIGATEL 182 (42-52-10 047-39-10). POOR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDES FURTHER ANALYSIS. (THE READOUT OF THE TARGET WILL BE PUBLISHED IN A SUBSEQUENT REPORT.)

AIR ACTIVITY

25X1D

25X1D 25X1D 25X1A

25X1D

25X1D

25X1A

25X1D

25X1D

25X1A

2. FORTY-TWO FAGOT OR FRESCO FIGHTER AIRCRAFT AND FOUR POSSIBLE AIRCRAFT WERE OBSERVED ON AT TANRYKULULAR AIRFIELD (40-44- N 046-51- F, TANRYKULULAR), IN THE TRANS-CAUCASUS MILITARY DISTRICT. THIS IS THE FIRST TIME ANY AIRCRAFT HAVE BEEN OBSERVED AT THIS AIRFIELD. (DETAILS WILL BE PUBLISHED IN A SUBSEQUENT REPORT.)

USSR-CHINA-MONGOLIA BORDER AREA

- 3. A PRELIMINARY REVIEW OF THE SINO-SOVIET BORDER AREA REVEALS THE FOLLOWING SIGNIFICANT INFORMATION. (DETAILS WILL BE PUBLISHED IN SUBSEQUENT REPORTS.)
- 4. EQUIPMENT AND PERSONNEL WERE EVIDENT FOR THE FIRST TIME ON AT BIDZHAN MILITARY INSTALLATION SW, USSR (47-57- N 131-56- E,). THIS INSTALLATION IS 17.5 NAUTICAL MILES FROM THE AMUR RIVER BORDER WITH CHINA. ONE HUNDRED PYRAMIDAL TENTS, SIX GENERAL PURPOSE TENTS, 33 PROBABLE TANKS, AND AT LEAST 200 OTHER VEHICLES WERE OBSERVED.
- 5. AT LEAST 50 PROBABLE TANKS AND APPROXIMATELY 200 OTHER VEHICLES AND PIECES OF EQUIPMENT WERE OBSERVED ON AT CHITA ARMY BARRACKS KASHTAK SOUTHEAST, USSR (52-05N 113-29E, BE
- 6. A MILITARY INSTALLATION CONSISTING OF NINE BARRACKS, 11 SUPPORT BUILDINGS, AND FIVE BUILDINGS UNDER CONSTRUCTION IS NEWLY IDENTIFIED AT YEKATERINOSLAVKA, FAR EAST MILITARY DISTRICT, USSR (50-21N 129-06E). AT LEAST 200 VEHICLES AND PIECES OF EQUIPMENT WERE IN A VEHICLE PARK ON
 - 7. EQUIPMENT FOR A POSSIBLE REGIMENTAL-SIZE GROUND FORCE

25X1D

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25X1D

25X1A

UNIT WAS OBSERVED ON AT THE SUMBER SUMA AIRFIELD, MONGOLIA (46-33N 108-19E) 0. APPROXIMATELY 30 TANKS AND 200 VEHICLES AND PIECES OF EQUIPMENT WERE IN A NEW VEHICLE PARK. A NEW AIRFIELD WAS UNDER CONSTRUCTION JUST EAST OF THE BARRACKS AREA.

EGYPT AND SUDAN

AIR ACTIVITY

25X1D 25X1A 25X1D

25X1A 25X1D 25X1D

25X1A

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1A 25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1A

25X1A

25X1D

OF FIVE EGYPTIAN AIRFIELDS COVERED ON THIS MISSION, ORDER OF BATTLE WAS OBSERVED AT ONLY TWO. EIGHT POSSIBLE SMALL STRAIGHT-WING AIRCRAFT WERE OBSERVED AT AL MINYA AIRFIELD (28-06-N 030-43-E)), AND AT LEAST 20 SMALL STRAIGHT-WING AIRCRAFT WERE OBSERVED AT MERSA MATRUH AIRFIELD (31-19-N 027-13-E) NO AIRCRAFT WERE DISCERNIBLE AT SUMBUL AIRFIELD, ASYUT AIRFIELD, OR NEW VALLEY AIRFIELD. (DETAILS WILL BE PUBLISHED IN SUBSEQUENT REPORTS).

WITH THE INCREASE OF ONE LARGE AIRCRAFT REVETMENT AT MERSA MATRUH AND FIVE AT WADI SEIDNA OBSERVED ON THIS MISSION THE NUMBER OF THESE REVETMENTS AT EGYPTIAN AND SUDANESE AIRFIELDS WHICH ARE CAPABLE OF ACCOMMODATING BADGER BOMBER AIRCRAFT HAS RISEN TO 38. IN ADDITION, 15 LARGE AIRCRAFT SHELTERS CAPABLE OF HANDLING BADGER HAVE BEEN OBSERVED IN THE NUMBER OF REVETMENTS AND SHELTERS OBSERVED TO DATE AT INDIVIDUAL AIRFIELDS ARE AS FOLLOWS-- TWELVE REVETMENTS AT N 030-55-CAIRO WEST AIRFIELD (EG 30-07-SEVEN REVETMENTS AT MERSA MATRUH AIRFIELD (DATA IN ABOVE PARAGRAPH), AND 12 REVETMENTS AT WADI SEIDNA AIRFIELD (SU 15-49-N 032-30-THREE LARGE AIRCRAFT E, SHELTERS ARE AT EACH OF THE FOLLOWING EGYPTIAN AIRFIELDS-BENK SUEF AIRFIELD (29-11-11N 031-01-11E JIYANKLIS N 030-11-AIRFIELD NEW (30-49-BILBAYS AIRFIELD (30-23-10 N 031-35-10 E) AIRFIELD 2 (30-25-10 N 031-40-10 E) AND BILBAYS (DETAILS WILL BE PUBLISHED IN SUBSEQUENT REPORTS.)

CHINA

25X2

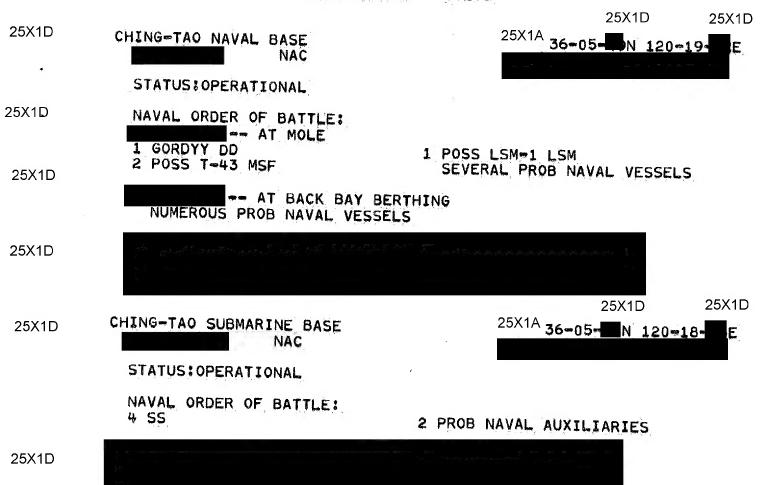
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CHINA, COMMUNIST NAVAL BASE FACILITIES

SIGNIFICANT RESULTS



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TCS-20216/70 IPIR 1 KH-4 MISSION 1110-1 CHINA, COMMUNIST INDUSTRY

25X1A

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

25X1D

PEI-CHING GUIDED MISSILE PLT NAN-YUAN

39-47- N 116-24-

STATUS: OPERATIONAL

REMARKS:

INTERPRETABILITY AND OBLIQUITY PRECLUDED IDENTIFICATION OF VEHICLES OR EQUIPMENT. NO MAJOR CHANGES WERE DISCERNIBLE AT THE PLANT.

ASSOCIATED OBJECTS:
8 PROB MEDIUM STRAIGHT-WING 9 PROB LIGHT STRAIGHT-WING

25X1D

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NAMSI AIRFIELD

STATUS: OPERATIONAL

25X1D

KOREA, NORTH AIR BASE FACILITIES

SIGNIFICANT RESULTS 25X1D 25X1D 25X1A 25X1D CHONGJIN AIRFIELD 41-47-N 129-44-STATUS: OPERATIONAL 25X1A REMARKS: THE FOUR BUILDINGS PREVIOUSLY REPORTED UNDER CONSTRUCTION APPEAR COMPLETE. AIR ORDER OF BATTLE: 1 CRATE 22 SMALL STRAIGHT-WING 1 CAB 25X1D 25X1D 25X1D HOEMUN-NI AIRFIELD 25X1A 41-25-N 129-39 NAC 25X1D STATUS: OPERATIONAL AIR ORDER OF BATTLE: 25X1D 1 PROB COKE 32 SMALL PROB SWEPT-WING (AT LEAST) 25X1D

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NAC

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125-12-

25X1D

25X1D

^{25X1A} **39-55-**

Control System Only TCS-20216/70 IPIR 1 KOREA, NORTH KH-4 MISSION 1110-1 AIR BASE FACILITIES AIR ORDER OF BATTLE: 4 SMALL POSS SWEPT-WING (AT LEAST) 25X1D 25X1D 25X1D SAAMCHAM AIRFIELD 25X1A 39-45-1 N 125-54-25X1D NAC STATUS: OPERATIONAL AIR ORDER OF BATTLE: 13 SMALL SWEPT-WING (AT LEAST) 25X1D OTHER RESULTS-NO APPARENT CHANGE 25X1D 25X1D 25X1D SINMUSONG AIRFIELD 25X1A 41-54-N 128-24-NAC STATUS: OPERATIONAL AIR ORDER OF BATTLE: NONE DISCERNIBLE 25X1D

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KOREA, NORTH LOGISTICS

OTHER RESULTS-NO APPARENT CHANGE

25X1D 25X1D MUSAN RR CLF YARDS + SHOPS S 25X1A 42-12-25X1D N 129-18 NAC STATUS: OPERATIONAL REMARKS: NO ACTIVITY WAS DISCERNIBLE. 25X1D 25X1D 25X1D SANGSAMBONG RAILROAD YARDS 25X1A 25X1D STATUS: OPERATIONAL REMARKS: NO ACTIVITY WAS DISCERNIBLE. 25X1D

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SOVIET UNION DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D 25X1D 25X1D 25X1A DROVYANAYA_ICBM COMPLEX 51-28-N 113-01-E STATUS: OPERATIONAL 25X1A REMARKS: 25X1D ALL COMPONENTS OF THE COMPLEX WERE COVERED. AT LAUNCH SITE 5 THE NORTH SILO DOOR WAS OPEN AND TWO PROBABLE MISSILE STAGES AND TWO VEHICLES OR PIECES OF EQUIPMENT WERE ON THE APRON. TWO MISSILES WERE PARKED IN FRONT OF THE MISSILE-READY BUILDING. NO NEW MISSILE ACTIVITY OBSERVED. 25X1D 25X1D 25X1D 25X1A ITATKA ICBM COMPLEX 56-56-N 085-36-E 25X1D STATUS: UNKNOWN 25X1A REMARKS: THE COMPLEX WAS NOT OBSERVED. NO NEW MISSILE ACTIVITY OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA. 25X1D 25X1D 25X1D 25X1A 55-01-KRASNOZNAMENSK MRBM COMPLEX N 022-16-25X1D NAC STATUS: UNKNOWN ١ REMARKS: ONLY SMALL PORTIONS OF LAUNCH SITES 1 AND 2 AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. NO SILO CONSTRUCTION OBSERVED. 25X1D

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DEPLOYED STRATEGIC SSM FACILITIES

25X1D 25X1D TAURAGE MRBM COMPLEX 25X1A 25X1D 55-07-N 022-19-NAC STATUS: UNKNOWN REMARKS: ONLY FIXED FIELD SITE 1 WAS OBSERVED. NO SILO CONSTRUCTION OBSERVED. 25X1D 25X1D 25X1D 25X1A UZHUR ICBM COMPLEX 25X1D 55-15-10 N 089-30-STATUS: OPERATIONAL 25X1A REMARKS:

WITH THE EXCEPTION OF TWO LAUNCH SITES IN THE I GROUP, ALL KNOWN COMPONENTS OF THE COMPLEX ARE INTERPRETABLE. NO NEW MISSILE ACTIVITY OBSERVED.

25X1D

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SOVIET UNION MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

48-42-N 046-00-25X1A

STATUS: UNKNOWN

25X1A

REMARKS:

THE CENTER WAS NOT OBSERVED. NO NEW MISSILE FACILITIES OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

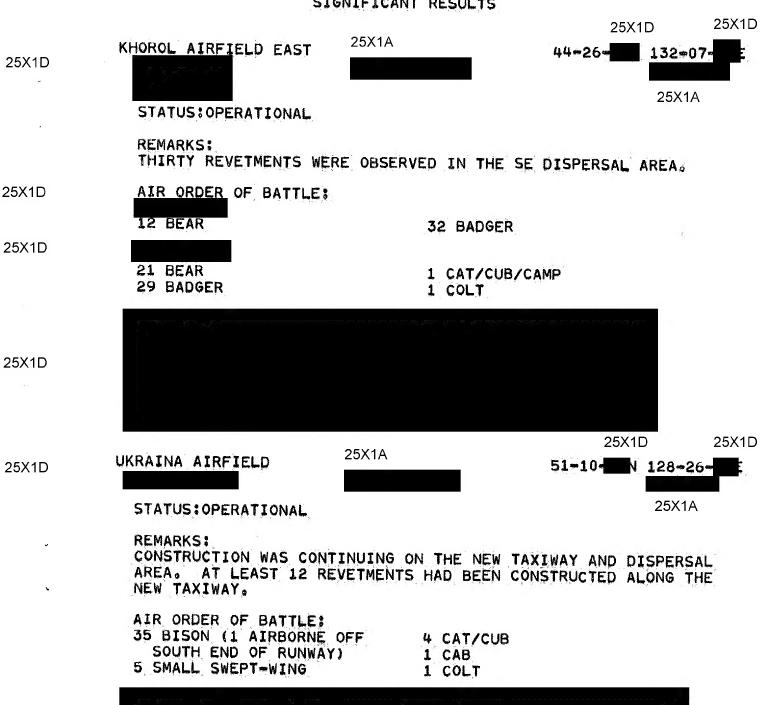
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25X1D

SOVIET UNION AIR BASE FACILITIES

SIGNIFICANT RESULTS



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SOVIET UNION AIR BASE FACILITIES

25X1D

25X1D

25X1D

USSURIYSK/VOZDVIZHENKA AIRFIELD

43-54-N 131=55=

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

SIXTEEN HANGARETTES HAD BEEN COMPLETED. AND 24 HANGARETTES WERE IN VARYING STAGES OF COMPLETION. THREE EARTHEN DRIVE-THROUGH REVETMENTS HAD BEEN CONSTRUCTED ON THE PERIMETER TAXIWAY BETWEEN THE AAM FACILITY AND THE RUNWAYS, UNIDENTIFIED CONSTRUCTION ACTIVITY WAS OBSERVED AT THE WSW EDGE OF THIS INSTALLATION. NO ASM FACILITY WAS OBSERVED AT THIS INSTALLATION.

AIR ORDER OF BATTLE:

27 BADGER

1 COKE

10 BEAGLE

1 CAB

43 SMALL SWEPT-WING

2 COLT

2 CAT/CUB/CAMP

25X1D

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